

SEQUENCE LISTING



<110> Soppet et al.

<120> Colon Specific Gene and Protein

<130> PF178D2

<140> US 09/525,041

<141> 2000-03-14

<150> US 09/162,508

<151> 1998-09-29

<150> US 08/468,413

<151> 1995-06-06

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 1114

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (111)..(587)

<400> 1

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taaggtctct gagatccttg cactagctac atcctcaggg taggaggaag atg gct 116
Met Ala
1

tcc aga agc atg cgg ctg ctc cta ttg ctg agc tgc ctg gcc aaa aca 164
Ser Arg Ser Met Arg Leu Leu Leu Leu Ser Cys Leu Ala Lys Thr
5 10 15

gga gtc ctg ggt gat atc atc atg aga ccc agc tgt gct cct gga tgg 212
Gly Val Leu Gly Asp Ile Ile Met Arg Pro Ser Cys Ala Pro Gly Trp
20 25 30

ttt tac cac aag tcc aat tgc tat ggt tac ttc agg aag ctg agg aac 260
Phe Tyr His Lys Ser Asn Cys Tyr Gly Tyr Phe Arg Lys Leu Arg Asn
35 40 45 50

tgg tct gat gcc gag ctc gag tgt cag tct tac gga aac gga gcc cac 308
Trp Ser Asp Ala Glu Leu Glu Cys Gln Ser Tyr Gly Asn Gly Ala His
55 60 65

ctg gca tct atc ctg agt tta aag gaa gcc agc acc ata gca gag tac 356
Leu Ala Ser Ile Leu Ser Leu Lys Glu Ala Ser Thr Ile Ala Glu Tyr
70 75 80

ata agt ggc tat cag aga agc cag ccg ata tgg att ggc ctg cac gac 404
Ile Ser Gly Tyr Gln Arg Ser Gln Pro Ile Trp Ile Gly Leu His Asp
85 90 95

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cca cag aag agg cag cag tgg cag tgg att gat ggg gcc atg tat ctg 452
 Pro Gln Lys Arg Gln Gln Trp Gln Trp Ile Asp Gly Ala Met Tyr Leu
 100 105 110

tac aga tcc tgg tct ggc aag tcc atg ggt ggg aac aag cac tgt gct 500
 Tyr Arg Ser Trp Ser Gly Lys Ser Met Gly Gly Asn Lys His Cys Ala
 115 120 125 130

gag atg agc tcc aat aac aac ttt tta act tgg agc agc aac gaa tgc 548
 Glu Met Ser Ser Asn Asn Asn Phe Leu Thr Trp Ser Ser Asn Glu Cys
 135 140 145

aac aag cgc caa cac ttc ctg tgc aag tac cga cca tag agcaagaatc 597
 Asn Lys Arg Gln His Phe Leu Cys Lys Tyr Arg Pro
 150 155

aagattctgc taactcctgc acagccccgt cctcttcctt tctgctagcc tggctaaatc 657

tgctcattat ttcagagggg aaacctagca aactaagagt gataagggcc ctactacact 717

ggctttttta ggcttagaga cagaaacttt agcattggcc cagtagtggc ttctagctct 777

aaatgtttgc cccgccatcc ctttccacag tctccttctt cctcctccc ctgtctctgg 837

ctgtctcgag cagtctagaa gagtgcattt ccagcctatg aaacagctgg gtctttggcc 897

ataagaagta aagatttgaa gacagaagga agaaactcag gagtaagctt ctagaccctt 957

tcagcttcta cacccttctg cctctctctc attgcctgca cccacccca gccactcaac 1017

tctgcttgt ttttctttg gccataggaa ggtttaccag tagaatcctt gctaggttga 1077

tgtgggcat acattccttt aataaaccat tgtgtac 1114

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 <212> PRT
 <213> Homo sapiens

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Met Ala Ser Arg Ser Met Arg Leu Leu Leu Leu Leu Ser Cys Leu Ala
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Lys Thr Gly Val Leu Gly Asp Ile Ile Met Arg Pro Ser Cys Ala Pro
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Gly Trp Phe Tyr His Lys Ser Asn Cys Tyr Gly Tyr Phe Arg Lys Leu
 35 40 45

Arg Asn Trp Ser Asp Ala Glu Leu Glu Cys Gln Ser Tyr Gly Asn Gly
 50 55 60

Ala His Leu Ala Ser Ile Leu Ser Leu Lys Glu Ala Ser Thr Ile Ala
65 70 75 80

Glu Tyr Ile Ser Gly Tyr Gln Arg Ser Gln Pro Ile Trp Ile Gly Leu
85 90 95

His Asp Pro Gln Lys Arg Gln Gln Trp Gln Trp Ile Asp Gly Ala Met
100 105 110

Tyr Leu Tyr Arg Ser Trp Ser Gly Lys Ser Met Gly Gly Asn Lys His
115 120 125

Cys Ala Glu Met Ser Ser Asn Asn Asn Phe Leu Thr Trp Ser Ser Asn
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Glu Cys Asn Lys Arg Gln His Phe Leu Cys Lys Tyr Arg Pro
145 150 155

<210> 3
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Contains a BamHI restriction enzyme site.

<400> 3
gcaggatcct ggcttcaga agcatg

26

<210> 4
<211> 28
<212> DNA
<213> Artificial Sequence

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<223> Contains complementary sequences to an Asp718 restriction enzyme site.

<400> 4
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<210> 5
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Contains a BamHI restriction enzyme site followed by 6 nucleotide s resembling an efficient signal for the initiation of translatio n in eukaryotic cells.

<400> 5
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<210> 6
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Contains complementary sequences to an Asp718 restriction enzyme
site.

<400> 6
tacgggtacc ttgctctatg gtcggtac

28